To the Director of the U.S. Patents . 102965	172 se record the attached documents or the new address(es) below.
1. Name of conveying party(ies)/Execution Date(s): Takuya MATSUMOTO  Execution Date(s) January 24, 2005 Additional name of conveying party(ies) attached?  Yes No  3. Nature of conveyance:  Assignment Merger  Security Agreement Change of Name  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other  Other  4. Application number(s) or patent number(s):	2. Name and address of receiving party(ies)  Name: Toyota Jidosha Kabushiki Kaisha  Internal Address:  Street Address: 1, Toyota-cho, Toyota-shi,  Aichi-ken  City:  State:  Country: JAPAN  Zip: 471-8571  Additional Name(s) & address(es) attached? ☐ Yes ☑ No
A. Patent Application No.(s)	B. Patent No.(s)
	ached?  Yes  No  6. Total number of applications and patents involved: 1
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved. [I]
Name: David J. Zibelli	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
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City: Washington

9. Signature:

Phone Number: 202-220-4200

Email Address: DZIBELLI@KENYON.COM

David J. Zibelli, Reg. No. 36,394

Fax Number: 202-220-4201

State: DC

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## ASSIGNMENT

WHEREAS,	I, <u>Takuya MATSUMOTO</u> , a citizen of Japan,	
residing at <u>Nishikamo-gun, Aichi-ken, Japan</u> , respectively, have invented new		
and useful improvements in	FAILURE DIAGNOSIS SYSTEM FOR EXHAUST GAS	
RECIRCULATI	ION DEVICE	

for which I am about to make application for Letters Patent of the United States, said application having been executed by me on even date herewith; and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA, a

Company of Japan, having its place of business at \_\_\_\_\_1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan (hereinafter referred to as the Assignee), is desirous of acquiring the entire right, title and interest in and to the application and the invention therein described and claimed and any Letters Patent that may be issued upon the application or for the improvements therein contained. NOW, THEREFORE, for and in consideration of the equivalent sum of One Dollar (\$1.00) to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned and transferred, and do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the application and the invention therein contained, including the right to apply for any Letters Patent in the United States of America on the invention, any Letters Patent that may issue thereon or therefor, in the United States, and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which the Letters Patent may be issued, the same to be held and enjoyed by the Assignee, its successors and assigns, the same as it would have been held and enjoyed by us if this Assignment and sale had not been made.

And I hereby authorize and request the Commissioner of Patents to issue all such Letters Patent to the Assignee, its successors and assigns, in accordance with this instrument of Assignment.

I hereby represent and warrant that there are no rights and interests outstanding inconsistent with the rights and interests granted herein and that I will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and I bind myself, my heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to the Assignee, its

PATENT REEL: 016380 FRAME: 0567 successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the Assignee, its successors and assigns, to vest in the Assignee, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States.

And I further covenant and agree, in consideration of the premises that I, my executors and administrators, will at any time upon request communicate to the Assignee, its successors and assigns, any facts relating to the invention and improvements and the history thereof, known to me or my executors and administrators, and that I will testify as to the same in any interference or other litigation when requested so to do by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this day of <u>January</u>, 2005.

Takuya Matsumoto
(Takuya MATSUMOTO)

WITNESSED BY:

Tokiji Ito	
	, Tokiji ITO
Address	

RECORDED: 03/10/2005